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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		U.S. Patent		U.S. PATENT DOC	UMENTS	
Examiner nitials	Cite No.1	Number	Kind Code <sup>2</sup> (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant
1/3		5,437,774		LAUTSEN	08/01/1995	Figures Appear
		3,878,564		YAO et al.	04/22/1975	
-}}		4,036,748		KNICKEL et al.	07/19/1977	
+		4,045,337		KNICKEL et al.	08/30/1977	<del></del>
<del>-{                                    </del>		4,045,455		VOGEL	08/30/1977	
++		4,069,215		ELFERT et al.	01/17/1978	
		4,115,225		PARSI	09/19/1978	
++		4,123,342		AHLGREN	10/31/1978	
╼╂╼╂		4,174,439		RAUENBUSCH et al.	11/13/1979	
++		4,196,304 4,204,929		NAUMANN	04/01/1980	
$\dashv$	_	4,217,227		BIER	05/27/1980	
+				ELFERT et al.	08/12/1980	
-+-		4,238,306		PERRY et al.	12/09/1980	
++		4,238,307		PERRY et al.	12/09/1980	
++		4,252,652 4,259,079		ELFERT et al.	02/24/1981	
++-	_	4,269,967		BLUM	03/31/1981	
<del>     </del>		4,209,967 4,276,140		ELFERT et al.	05/26/1981	
1		1,279,724		JAIN	06/30/1981	
25		,299,677		HEARN et al.	07/21/1981	
		,,,,,,,		/ENKATASUBRAMANIAN et al.	11/10/1981	

		_		FOR	EIGN PATENT DOCUMENT	S		
xaminer nitlals	Cite No.1	Office		Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant	T,
		_	97/14486		BAYER AKTIENGESELLSCHA	04/24/1997	Figures Appear	+
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Nair et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	75978/15420

Evan		U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant			
25		4,322,275		JAIN	MM-DD-YYYY	Passages or Relevant Figures Appear			
		4,362,612		BIER					
		4,376,023		VENKATSUBRAMANIAN et al.	12/07/1982				
+	$\Box$	4,381,232		BROWN	03/08/1983				
11	$\bot$	4,383,923		ELFERT	04/26/1983				
4	$\Box$	4,396,477		JAIN	05/17/1983				
$\bot$		4,441,978	_	JAIN	08/02/1983				
$oldsymbol{oldsymbol{\sqcup}}$		4,533,447		MELDON	04/10/1984				
$\Box$		4,608,140		GOLDSTEIN	08/06/1985				
$\Box \top$		1,661,224			08/26/1986				
		1,673,483		GOLDSTEIN et al.	04/28/1987				
	_	1,711,722		MANDLE	06/16/1987				
	_	1,746,647		TOYOSHI et al.	12/08/1987	<del></del>			
		1,780,411		SVENSON	05/24/1988				
		,897,169		PIEJKO et al.	10/25/1988				
-		,963,236		BIER et al.	01/30/1990				
<del>-  -</del>		,043,048		RODKEY et al.	10/16/1990	<del></del>			
	-\f	,043,048 ,080,770		MURALIDHARA	08/27/1991	<del></del>			
<del></del>				CULKIN	01/14/1992				
<del>2</del>		,082,548		AUPEL et al.	01/21/1992				
<u> </u>	10,	087,338	P		02/11/1992				

		<del>, ,</del>	Foreign Patent Do	FORE	IGN PATENT DOCUMEN	rs	
examiner nitials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. § Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Nair et al.
Group Art Unit	Unknown
Examiner Name	Unknown
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125		5,096,547		KLOTZ et al.	03/17/1992	Figures A	ppear
<del>-</del> -		5,114,555		STIMPSON	05/19/1992	Seeachou	
-		5,127,999		KLOTZ et al.	07/07/1997	see action	
		5,160,594		HUFF et al.	11/03/1992		
		5,173,164		EGEN et al.	12/22/1992		
_	_	5,185,086		KAALI et al.	02/09/1993		
		5,238,570		HUGL et al.	08/24/1993		
		5,277,774		SHMIDT et al.	01/11/1994		
-	$\overline{}$	5,336,387	-	EGEN et al.	08/09/1994	<del></del>	
_	_	5,340,449		SHUKLA	08/23/1994		
	_	5,352,343		BAILES et al.	10/04/1994		
		5,407,553		HERRON et al.	04/18/1995		
-	_	5,420,047		BRANDT et al.	05/30/1995		
		5,441,646		HELLER et al.	08/15/1995	<del></del>	
-	_	5,490,939		GERIGK et al.	02/13/1996		
		5,503,744		IKEMATSU et al.	04/02/1996		
-+		5,504,239		MEHL et al.	04/02/1996	<del></del>	
		5,558,753		GALLAGHER et al.	09/24/1996		
<i>/</i>		5,561,115		TENOLD	10/01/1996		
_لوگ	- 15	,565,102		BRANDT et al.	10/15/1996		

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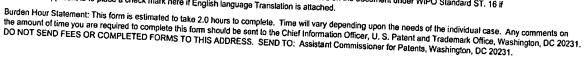
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Application Number	Unknown					
Filing Date	Herewith					
First Named Inventor	Nair et al.					
Group Art Unit	Unknown					
Examiner Name	Unknown					
Attorney Docket Number	75978/15420					

		U.S. Patent	Document	U.S. PATENT DOC	JMENTS	
Examiner initials	Cite No.1	Number	Kind Code <sup>2</sup> (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passeyes or Relevant
<del>//</del> 51		5,610,285		LEBING et al.	03/11/1997	Figures Appear
$\overline{1}$		5,662,813		SAMMONS et al.	09/02/1997	
+		5,723,031		DURR et al.	03/03/1998	
++		5,733,442		SHUKLA	03/03/1998	
+-+		5,736,023		GALLAGHER et al.	04/07/1998	
++		5,868,938		BOMER, deceased, et al.	02/09/1999	
+		5,891,736	$\Box$	CHAPOTEAU et al.	04/06/1999	
+		5,906,724		SAMMONS et al.	05/25/1999	
+-+		5,938,904		BADER et al.	08/17/1999	
╂——	_	5,986,075	-	DUBOSE et al.	11/16/1999	<del></del>
-	_	6,093,296		SOANE et al.	07/25/2000	<del></del>
┼-┼-		6,117,297		GOLDSTEIN	09/12/2000	
<del>                                      </del>		6,129,842	!	KOSTANIAN	10/10/2000	
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